

**WHAT IS CLAIMED IS:**

1. A method of anti-pollution for exhaust, comprising the following steps:

(1) providing a closed housing filled with a plurality of filter materials and a plurality of clearances being between the filter materials;

(2) connecting a discharge part of the exhaust to a hole at an end of the closed housing and another hole at another end of the closed housing for leading treated exhaust out; and

(3) introducing the exhaust into the closed housing and a plurality of contaminating particles in the exhaust being left in the closed housing and the treated exhaust being capable of reducing original pollution thereof after being led out from the closed housing.

2. The method of anti-pollution for exhaust according to claim 1, wherein the housing can have a single space or can be separated into two or more communicating rooms with one or more partitions being added.

3. The method of anti-pollution for exhaust according claim 1, wherein an interior of the housing can be formed with a plurality of separated zones by way of intervening with a plurality of grids and each of the separated zones can be added with the filter materials.

4. The method of anti-pollution for exhaust according claim 1, wherein the filter materials are a plurality of filtering particles, which can be formed with different shapes, and the filtering particles can be made of one or more of metal, fiber, stone, pottery, porcelain, ceramics, resin and cotton.

5. The method of anti-pollution for exhaust according claim 1, wherein the housing can be added with a relief valve for reliving an excessive pressure and/or a temperature controller for a temperature reduction.

6. The method of anti-pollution for exhaust according claim 1, wherein the filter material on a surface thereof can be added with catalyst convert agent.

7. An anti-pollution device for exhaust, comprises
- a housing, providing an inner filtering chamber;
  - an inlet hole, being provided on the housing to communicate the filtering chamber;
  - an outlet hole, being provided at the filtering chamber of the housing to communicate with a wall of the housing;
  - a plurality of filter materials, being congregated and filled in the housing with a plurality of clearances between the filter materials;
  - whereby, once the inlet hole connects with a discharge port for the exhaust, a plurality of contaminating particle in the exhaust can stay in the filtering chamber while the exhaust passes through the filtering chamber so that the exhaust may reduce the pollution to the environment.
8. The anti-pollution device for exhaust according to claim 7, wherein the inlet hole and the outlet hole can extend a distance of pipe section respectively.
9. The anti-pollution device for exhaust according to claim 7, wherein the housing can be added with a relief valve for reliving an excessive pressure and/or a temperature controller for a temperature reduction.
10. The anti-pollution device for exhaust according to claim 7, wherein a muffler can be added to the housing.
11. The anti-pollution device for exhaust according to claim 7, wherein an agitator and/or a ash blow device can be added into the housing.
12. The anti-pollution device for exhaust according to claim 7, wherein the filter materials are a plurality of filtering particles, which can be formed with different shapes, and the filtering particles can be made of one or more of metal, fiber, stone, pottery, porcelain, ceramics, resin and cotton.
13. The anti-pollution device for exhaust according to claim 7, wherein the filtering chamber can be formed with two or more rooms by way of a or more

partitions with each of the rooms being filled with the filter materials and a passage communicates with the rooms.

14. The anti-pollution device for exhaust according to claim 13, wherein each of the partitions can be a box net with grids.

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